

ABSTRACT OF THE DISCLOSURE

A non-programmatic method for virtualizing the logic of external systems, having externally invocable logic, at a front-end system, having hooks that enable external capture of its search for invocable logic units and its commands to invoke logic units, is disclosed. When an end user of the front-end system requests to invoke logic, an integrating system captures the search for invocable logic units and provides a list of logic units to be virtualized. The integrating system allows the front-end system to provide a list of its internal logic units that may be invoked and both lists are presented to the end user. After, the end user selects a logic unit to be invoked, the integrating system captures the front-end system's command to invoke this logic unit. If the selected logic unit is virtual, the integrating system extracts necessary information from the front-end system, such as parameters for the logic unit and the data on which the logic unit is to operate. The integrating system converts this information from the format of the front-end system to the format of the external system whose logic unit was selected. The integrating system then commands the external system to invoke the selected logic unit and also passes it the converted data. The integrating system receives the data resulting from the invoked logic unit, converts it to the format of the front-end system, and passes the converted resulting data to the front-end system which presents it to the end user.